

OIP
RECEIVED #4RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/672,020DATE: 10/13/2000
TIME: 08:28:01Input Set : A:\seqlist-0609.4820002.txt
Output Set : N:\CRF3\10132000\I672020.rawNOV 28 2000
1614
TECH CENTER 1600/2900

4 <110> APPLICANT: Gardella, T.J.
5 Kronenberg, H.M.
6 Potts, J.T.
7 Juppner, H.
9 <120> TITLE OF INVENTION: Polypeptide Derivatives of Parathyroid Hormone (PTH)
11 <130> FILE REFERENCE: 0609.4820002
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/672,020
C--> 14 <141> CURRENT FILING DATE: 2000-09-29
16 <150> PRIOR APPLICATION NUMBER: US 60/185,060
17 <151> PRIOR FILING DATE: 2000-02-25
19 <150> PRIOR APPLICATION NUMBER: PCT/US00/04716
20 <151> PRIOR FILING DATE: 2000-02-25
22 <150> PRIOR APPLICATION NUMBER: US 60/156,927
23 <151> PRIOR FILING DATE: 1999-09-29
25 <160> NUMBER OF SEQ ID NOS: 31
27 <170> SOFTWARE: PatentIn Ver. 2.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 14
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
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35 <223> OTHER INFORMATION: Description of Artificial Sequence: modified PTH
36 peptide
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40 <222> LOCATION: (10)
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45 <222> LOCATION: (11)
46 <223> OTHER INFORMATION: Xaa can be Leu, Arg, or homoArg
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55 <222> LOCATION: (14)
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66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:

ENTERED

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69 <223> OTHER INFORMATION: Description of Artificial Sequence: modified PTH
70 peptide
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73 <221> NAME/KEY: UNSURE
74 <222> LOCATION: (10)
75 <223> OTHER INFORMATION: Xaa can be Ala or Gln
77 <220> FEATURE:
78 <221> NAME/KEY: UNSURE
79 <222> LOCATION: (14)
80 <223> OTHER INFORMATION: Xaa can be Trp or His
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90 <213> ORGANISM: Artificial Sequence
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112 1 5 10
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135 <223> OTHER INFORMATION: Description of Artificial Sequence: modified PTH

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159 <212> TYPE: PRT
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PATENT APPLICATION: US/09/672,020

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Input Set : A:\seqlist-0609.4820002.txt
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276 <220> FEATURE:
277 <221> NAME/KEY: UNSURE
278 <222> LOCATION: (10)
279 <223> OTHER INFORMATION: Xaa can be Ala or Asp
281 <220> FEATURE:
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283 <222> LOCATION: (11)
284 <223> OTHER INFORMATION: Xaa can be Leu, Arg or homoArg
286 <220> FEATURE:
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305 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
306 20 25 30
W-→ 308 Asp Xaa
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313 <211> LENGTH: 14
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323 <211> LENGTH: 34
324 <212> TYPE: PRT
325 <213> ORGANISM: Rattus norvegicus
327 <400> SEQUENCE: 18
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331 Ser Val Glu Arg Met Gln Trp Leu Arg Lys Lys Leu Gln Asp Val His
332 20 25 30
334 Asn Phe
338 <210> SEQ ID NO: 19
339 <211> LENGTH: 34
340 <212> TYPE: PRT
341 <213> ORGANISM: Homo sapiens
343 <400> SEQUENCE: 19
344 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/672,020

DATE: 10/13/2000

TIME: 08:28:02

Input Set.: A:\seqlist-0609.4820002.txt
Output Set: N:\CRF3\10132000\I672020.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31



32	NPL	6
33	NPL	34

Total number of pages: 356

Remarks:

Order of re-scan issued on